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## Patent Abstracts of Japan

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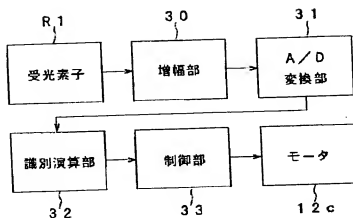
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TITLE : IDENTIFYING DEVICE FOR PAPER SHEET



ABSTRACT : PROBLEM TO BE SOLVED: To provide an identifying device for paper sheets, having improved identification accuracy by increasing the level of input to an identification calculating part in a block, where light is transmitted through a paper sheets equal to or more than two times.

SOLUTION: An amplification factor control part 34 is provided additionally for controlling the amplification factor of an amplifying part 30, for amplifying the detected voltage of a light-receiving element E1 and outputting it to an A/D-converting part 31; when a paper money 1 is switched from a first block S1 to a second block S2, the amplification factor money 1 is switched from the second block S2 to a third block S3, the amplification factor control part 34 performs controls so as to return the amplification factor of the amplifying part 30 to initial state, and the level of input to an identification calculating part 32 during the second block S2 can be raised.

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